

Work Order ID 93691

November-22-12 12:43:05 PM

93691

Page 1

Item ID: D3684-047
Revision ID:
Item Name: FWD LEG ASS'Y

Accept

N900040100

Setup Start ***NS1***
Stop ***NS2***

Start Date: 22/11/2012 Start Qty: **200**
Required Date: 06/12/2012 Req'd Qty: 1.00

1
1

Cust Item ID:
Customer:

Reference:

Approvals: Process Plan: MLJ Date: 12-11-22 Tooling:
QC: Date: SPC (Y/N):

Date:
Date:

Run Start ***NR1***
Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D3684	Rev D

100	Pick Kit	0.00
-----	----------	------

100

Packaging	Memo	0.00
Packaging		

110	Small Fab	0.00
-----	-----------	------

110

Small Fab	Memo	0.00
Small Fab		

1-Use anti-seize compound Tectly 502c Class 1, Mil-PRF-16173E or equivalent on thread and assemble as per dwg D3684

2-Assemble D3693-1 & D3691-1 Using Sikaflex -241/-291 between mating surfaces as per Dwg D3684

**Ensure holes for AN3C Bolts are free of sealant.
Torque Fastners as per Dwg D3684

SS 12/11/23

2

2

0

FF 12-11-22

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

FAULT CATEGORY

Landing Gear	General	Other
<input type="checkbox"/> Bending	<input type="checkbox"/> Bend	<input type="checkbox"/> Grain
<input type="checkbox"/> Centre Not Concentric to O/S	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Hardware
<input type="checkbox"/> Cracks	<input type="checkbox"/> Broken/Damaged	<input type="checkbox"/> Inspection Incomplete
<input type="checkbox"/> Crushed/Crimped	<input type="checkbox"/> Burrs	<input type="checkbox"/> Instructions Incomplete/Unclear
<input type="checkbox"/> Cuffs	<input type="checkbox"/> Contamination	<input type="checkbox"/> Maintenance
<input type="checkbox"/> Heat Treat	<input type="checkbox"/> Countersink	<input type="checkbox"/> Misabeled
<input type="checkbox"/> Inspection Strip in Tube	<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Misread
<input type="checkbox"/> Ripples in Bend	<input type="checkbox"/> Drill Holes	<input type="checkbox"/> Offset
<input type="checkbox"/> Torque Waves in Extrusion	<input type="checkbox"/> Drawing	<input type="checkbox"/> Out of Calibration
<input type="checkbox"/> Turning Sequence	<input type="checkbox"/> Finish	<input type="checkbox"/> Out of Sequence
<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Folio	<input type="checkbox"/> Outside Dimensions
		<input type="checkbox"/> Ovalized
		<input type="checkbox"/> Over/Under tolerance
		<input type="checkbox"/> Part Incorrect
		<input type="checkbox"/> Part Lost/Missing
		<input type="checkbox"/> Part Moved
		<input type="checkbox"/> Positioned Wrong
		<input type="checkbox"/> Power Loss/Surge
		<input type="checkbox"/> Pressure/Forced
		<input type="checkbox"/> Temperature/Cure
		<input type="checkbox"/> Weld
		<input type="checkbox"/> Wrong Stock Pulled
		<input type="checkbox"/> Other

Work Order ID 93691

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93691

Page 2

Item ID: D3684-047
Revision ID:
Item Name: FWD LEG ASS'Y

Accept

N900040100

Setup Start *NS1*

Stop *NS2*

Start Date: 22/11/2012 Start Qty: 1.00 *1*
Required Date: 06/12/2012 Req'd Qty: 1.00 *1*

Cust Item ID:

Customer:

Reference:

Approvals: Process Plan: Date: Tooling: Date:
QC: Date: SPC (Y/N): Date:

Run Start *NR1*

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 *120* QC Quality Control	QC5- Inspect part completeness to step on W/O Memo	0.00 0.00				2			
130 *130* Packaging Packaging	Identify as per dwg & Stock Location: <u>GL</u> Memo	0.00 0.00				2			SB 12/11/23
140 *140* QC Quality Control	QC21- Final Inspection - Work Order Release Memo	0.00 0.00							12/11/23 MF 12-11-23

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>						
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector			
Doc/Data <input type="checkbox"/>												
Equip/Tooling <input type="checkbox"/>												
Operator <input type="checkbox"/>												
Material <input type="checkbox"/>												
Setup <input type="checkbox"/>												
Other <input type="checkbox"/>												
Process <input type="checkbox"/>												
Supplier <input type="checkbox"/>												
Training <input type="checkbox"/>												
Unapproved <input type="checkbox"/>												
FAULT CATEGORY												
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube			General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio			<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions			<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other	

Picklist Print

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Page 1
4

Work Order ID: 93691

93691

Parent Item: D3684-047

D3684-047

Parent Item Name: FWD LEG ASS'Y

Start Date: 22/11/2012

Required Date: 06/12/2012

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A new issue 08-02-12 DD verified by:JLM
IPP Rev:B As per Rev B 09-01-07 JLM Verified By:EC IPP
REV:C AS PER REV D 10-03-16 JLM VERIFIED BY:EC
IPP Rev:C Added sealant note as per Rev C 09-01-20 JLM Verified By:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN3C12A		Purchased	No			110	Each	164.0000	2	2			

AN3C12A

Bolts

**

FF 12-11-22

Location	Loc Qty	Loc Code
ST351	164	
117514	4	
118112	5	
118451	22	
119510	1	
120423	4	
121259	2	
121689	5	
122416	21	
123648	100	

D3688-1

Manufactured No

110 Each

23.0000

1

1

D3688-1

STUD

**

FF 12-11-22

Location	Loc Qty	Loc Code
GA	23	
81743	12	
83344	5	
87080	3	
88164	2	
89812	1	

2

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">Skid-tube <input type="checkbox"/></td> <td style="width: 25%;">Crosstube <input type="checkbox"/></td> <td style="width: 25%;">Water Jet <input type="checkbox"/></td> <td style="width: 25%;">Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>						Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>																								
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Doc/Data <input type="checkbox"/>																											
Equip/Tooling <input type="checkbox"/>																											
Operator <input type="checkbox"/>																											
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Picklist Print

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Page 2

Work Order ID: 93691

Parent Item: D3684-047

Parent Item Name: FWD LEG ASS'Y

93691

D3684-047

Start Date: 22/11/2012

Required Date: 06/12/2012

Start Qty: 1.00

Required Qty: 1.00

D3689-1

Manufactured No

110

Each

9.0000

1

1

D3689-1

SLEEVE

**

Location

Loc Qty

Loc Code

FG

2

83358

2

GA

6

83358

6

ST061

1

72117

1

FF 12-11-22

2

D3691-1

Manufactured No

110

Each

40.0000

1

1

D3691-1

STUD

**

Location

Loc Qty

Loc Code

GA

40

78909

1

81733

23

83359

16

2

FF 12-11-27

D3692-1

Manufactured No

110

Each

453.0000

4

4

D3692-1

SPACER

**

Location

Loc Qty

Loc Code

FG

5

80364

5

ST062

448

51467

16

80364

8

81729

100

81961

200

83257

64

85415

60

8

FF 12-11-22

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">Skid-tube <input type="checkbox"/></td> <td style="width: 25%;">Crosstube <input type="checkbox"/></td> <td style="width: 25%;">Water Jet <input type="checkbox"/></td> <td style="width: 25%;">Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
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Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data <input type="checkbox"/>									
Equip/Tooling <input type="checkbox"/>									
Operator <input type="checkbox"/>									
Material <input type="checkbox"/>									
Setup <input type="checkbox"/>									
Other <input type="checkbox"/>									
Process <input type="checkbox"/>									
Supplier <input type="checkbox"/>									
Training <input type="checkbox"/>									
Unapproved <input type="checkbox"/>									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions
<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		
<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other		

Picklist Print

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Page 3

Work Order ID: 93691

Parent Item: D3684-047

Parent Item Name: FWD LEG ASS'Y

93691

D3684-047

Start Date: 22/11/2012

Required Date: 06/12/2012

Start Qty: 1.00

Required Qty: 1.00

D3693-1

Manufactured No

110

Each

64.0000

1

1

D3693-1

Rod End Bearing

Location

Loc Qty

Loc Code

FG

2

81738

2

GA

62

81738

1

83612

37

87007

16

88158

8

FF 12-11-22

MS21043-3

Purchased

No

110

Each

547.0000

2

2

MS21043-3

Nut

FF 12-11-22

Location

Loc Qty

Loc Code

FG

72

103691

72

ST301

99

118077

2

118614

7

118686

30

119758

20

121255

20

121708

20

ST315

376

122993

145

123525

231

4

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>						
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector			
Doc/Data <input type="checkbox"/>												
Equip/Tooling <input type="checkbox"/>												
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Picklist Print

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Page 4

Work Order ID: 93691

Parent Item: D3684-047

Parent Item Name: FWD LEG ASS'Y

93691

D3684-047

Start Date: 22/11/2012

Required Date: 06/12/2012

Start Qty: 1.00

Required Qty: 1.00

NAS509-12C

Purchased

No

110

Each

107.0000

1

1

NAS509-12C

Nuts

**

Location

Loc Qty

Loc Code

ST279

107

120422

2

121162

20

121274

25

121556

10

121827

50

2

FF 12-11-22

NAS509L12C

Purchased

No

110

Each

57.0000

1

1

NAS509L12C

Nuts

**

Location

Loc Qty

Loc Code

ST279

57

112314

3

112828

1

120498

3

121349

40

121652

10

2

FF 12-11-22

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

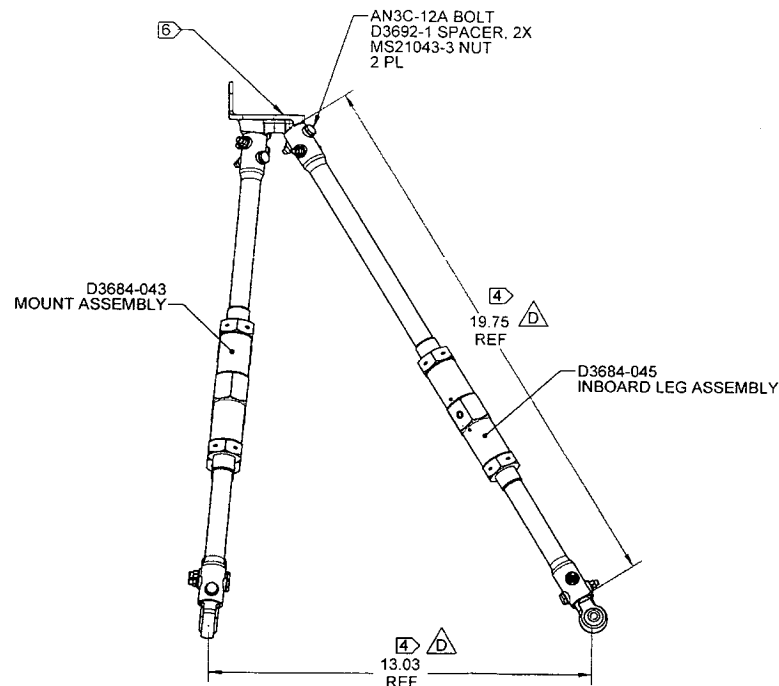
Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data <input type="checkbox"/>									
Equip/Tooling <input type="checkbox"/>									
Operator <input type="checkbox"/>									
Material <input type="checkbox"/>									
Setup <input type="checkbox"/>									
Other <input type="checkbox"/>									
Process <input type="checkbox"/>									
Supplier <input type="checkbox"/>									
Training <input type="checkbox"/>									
Unapproved <input type="checkbox"/>									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions
		<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge
		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other

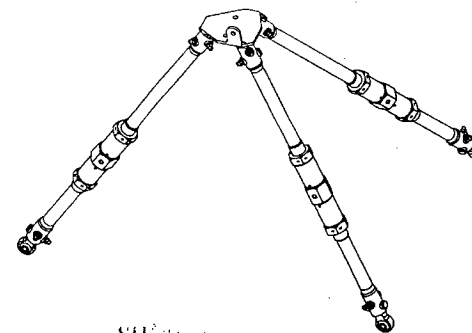
ITEM	QTY -041	PART NUMBER	DESCRIPTION
1	X	D3684-041	TRIPOD MOUNT ASSEMBLY
2	1	D3684-043	MOUNT ASSEMBLY
3	1	D3684-045	INBOARD LEG ASSEMBLY
4	4	D3692-1	SPACER
5	2	AN3C-12A	BOLT
6	2	MS21043-3	NUT



D3684-041 TRIPOD MOUNT ASSY 7

NOTES:

- 1) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 2) UNITS: INCHES UNLESS OTHERWISE NOTED
- 3) IDENTIFICATION: NONE
- 4) DIMENSIONS SHOWN ARE WHEN D3688-1/3/5 & D3691-1 STUDS ARE FULLY THREADED INTO D3689-1 SLEEVES
- 5) WEIGHT: 9.9 lbs
- 6) ASSEMBLE D3684-045 WITH D3684-043 USING SIKAFLEX-241/-291 OR PROSEAL 890 OR MIL-S-8802 CLASS 'B2' SEALANT BETWEEN MATING SURFACES. ENSURE HOLES FOR AN3C BOLTS ARE CLEAR OF SEALANT
- 7) ASSEMBLY SHOWN FOR REF ONLY, -041 IS PACKAGED UNASSEMBLED



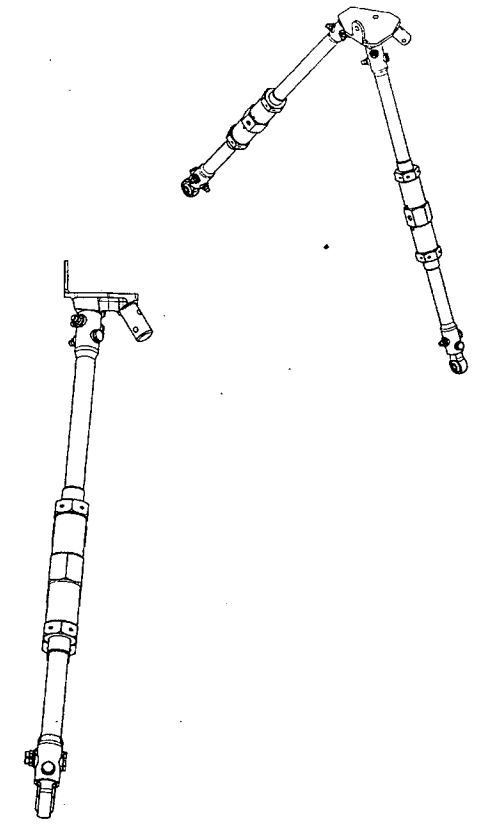
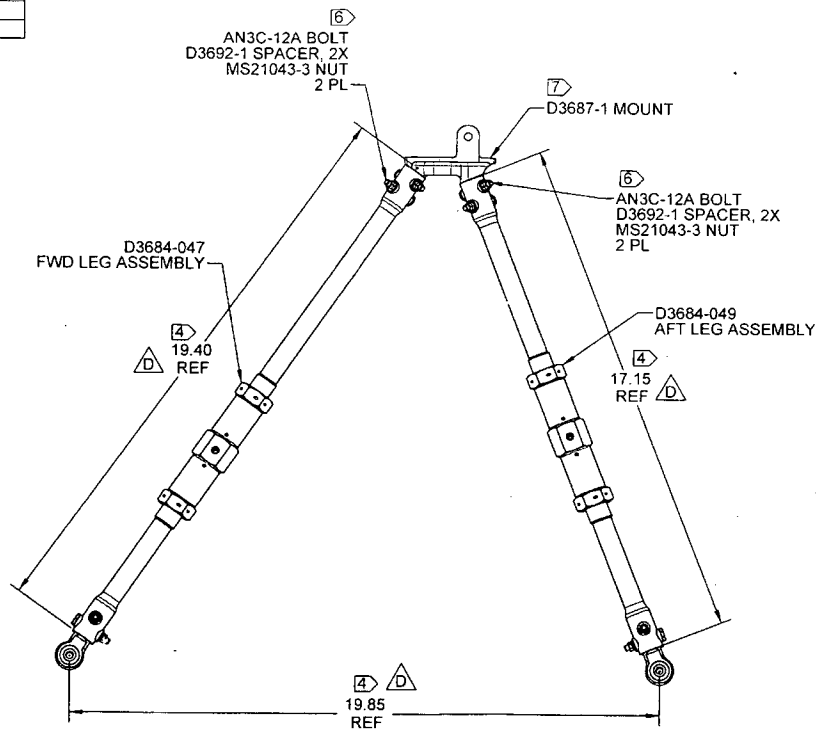
SHOWN FOR REF ONLY
 REFERENCE
 ENGINEERING
 UNCONTROLLED
 SUBJECT TO CHANGE
 WITHOUT NOTICE
 WORK ORDER NO. 93691 MJS
 12-11-22

RELEASED
 2010-03-15
md

D	13.03 WAS 13.10 (ZN B5-1); 19.75 WAS 19.87 (ZN C4-1); 19.40 WAS 19.52 (ZN C8-2); 17.15 WAS 17.27 (ZN C4-2); 19.85 WAS 20.24 (ZN B5-2); 20.96 WAS 21.09 (ZN C5-3); 20.62 WAS 20.74 (ZN C5-4); 18.37 WAS 18.49 (ZN C6-5)	RF	10.03.03
C	NOW ASSEMBLED USING SEALANT (ZN A8-1, D5-1, A8-2, D4-2, A8-3, B4-3, A8-4, B4-4, A8-5, B5-5); ASSEMBLY NOW SHOWN FOR REF ONLY (ZN A8-1, A4-1)	RF	08.12.15
B	19.52 WAS 19.50 (ZN C6-2); 9.20 WAS 9.70 (ZN C6-2); 20.74 WAS 21.24 (ZN C5-4); 6.95 WAS 6.88 (ZND5-5); MODIFIED PER PROTOTYPE INSTALLATION; REFORMATTED TO CURRENT DWG STANDARDS	RF	08.11.24
A	NEW ISSUE	RF	08.05.22
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	#	DRAWING NO.	REV. D
MFG. APPR.	#	D3684	SHEET 1 OF 5
APPROVED	#	TITLE	SCALE
DE APPR.	#	TRIPOD MOUNT ASSY	NTS
DATE	10.03.03	COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

93691

ITEM	QTY -043	PART NUMBER	DESCRIPTION
1	X	D3684-043	MOUNT ASSEMBLY
2	1	D3687-1	MOUNT
3	1	D3684-047	FWD LEG ASSY
4	1	D3684-049	AFT LEG ASSY
5	8	D3692-1	SPACER
6	4	AN3C-12A	BOLT
7	4	MS21043-3	NUT



D3684-043 MOUNT ASSEMBLY

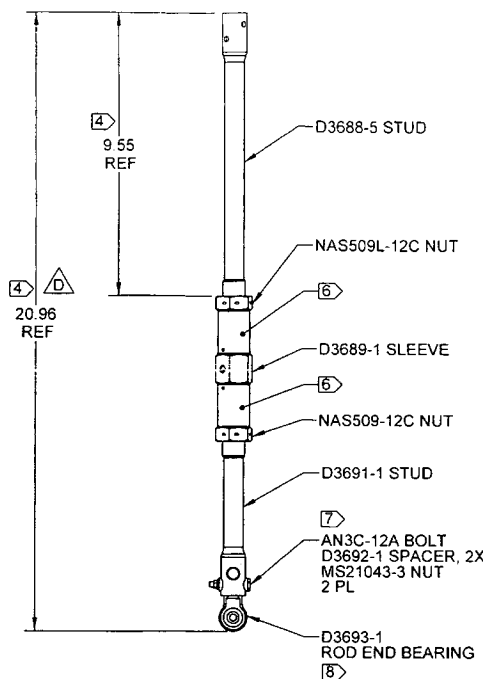
RELEASE
2010-03-15

- NOTES:**
- 1) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 2) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 3) IDENTIFICATION: IDENTIFY WITH DART ASSEMBLY P/N D3684-043 USING FINE POINT PERMANENT INK MARKER
 - 4) DIMENSIONS SHOWN ARE WHEN D3688-1/-3 & D3691-1 STUDS ARE FULLY THREADED INTO D3689-1 SLEEVES
 - 5) WEIGHT: 6.6 lbs
 - 6) TORQUE FASTENERS TO 20-25 in-lbs
 - 7) ASSEMBLE D3684-047 & D3684-049 WITH D3687-1 USING SIKAFLEX-241/-291 OR PROSEAL 890 OR MIL-S-8802 CLASS 'B2' SEALANT BETWEEN MATING SURFACES. ENSURE HOLES FOR AN3C BOLTS ARE CLEAR OF SEALANT

DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. D
MFG. APPR.		D3684	SHEET 2 OF 5
APPROVED		TITLE	SCALE
DE APPR.		TRIPOD MOUNT ASSY	NTS
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93691

ITEM	QTY	PART NUMBER	DESCRIPTION
1	X	D3684-045	INBOARD LEG ASSEMBLY
2	1	D3688-5	STUD
3	1	D3689-1	SLEEVE
4	1	D3691-1	STUD
5	4	D3692-1	SPACER
6	1	D3693-1	ROD END BEARING
7	2	AN3C-12A	BOLT
8	2	MS21043-3	NUT
9	1	NAS509L-12C	NUT
10	1	NAS509-12C	NUT






D3684-045 INBOARD LEG ASSEMBLY

RELEASED
2010-03-15

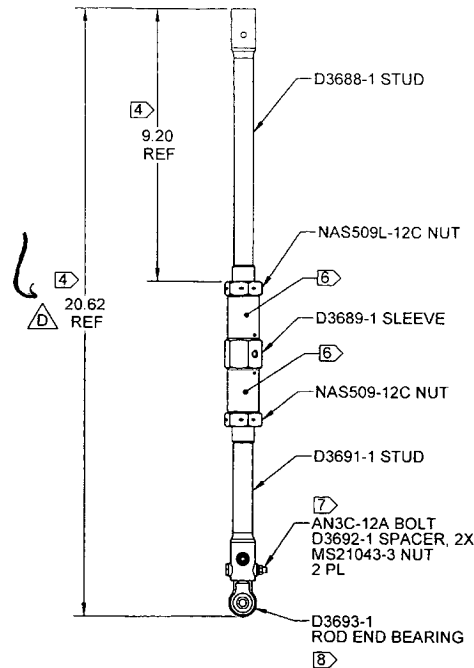
NOTES:

- 1) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 2) UNITS: INCHES UNLESS OTHERWISE NOTED
- 3) IDENTIFICATION: IDENTIFY WITH DART ASSEMBLY P/N D3684-045 USING FINE POINT PERMANENT INK MARKER
- 4) DIMENSION SHOWN IS WHEN D3688-5 & D3691-1 STUDS ARE FULLY THREADED INTO D3689-1 SLEEVE
- 5) WEIGHT: 3.1 lbs
- 6) USE TECTYL 502C CLASS I, MIL-PRF-16173E GRADE 2 OR EQUIVALENT ANTI-SEIZE COMPOUND ON THREAD
- 7) TORQUE FASTENERS TO 20-25 in-lbs
- 8) ASSEMBLE D3693-1 WITH D3691-1 USING SIKAFLEX-241/-291 OR PROSEAL 890 OR MIL-S-8802 CLASS 'B2' SEALANT BETWEEN MATING SURFACES. ENSURE HOLES FOR AN3C BOLTS ARE CLEAR OF SEALANT

DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. D
MFG. APPR.		D3684	SHEET 3 OF 5
APPROVED		TITLE	SCALE
DE APPR.		TRIPOD MOUNT ASSY	NTS
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93691

ITEM	QTY .047	PART NUMBER	DESCRIPTION
1	X	D3684-047	FWD LEG ASSEMBLY
2	1	D3688-1	STUD
3	1	D3689-1	SLEEVE
4	1	D3691-1	STUD
5	4	D3692-1	SPACER
6	1	D3693-1	ROD END BEARING
7	2	AN3C-12A	BOLT
8	2	MS21043-3	NUT
9	1	NAS509L-12C	NUT
10	1	NAS509-12C	NUT






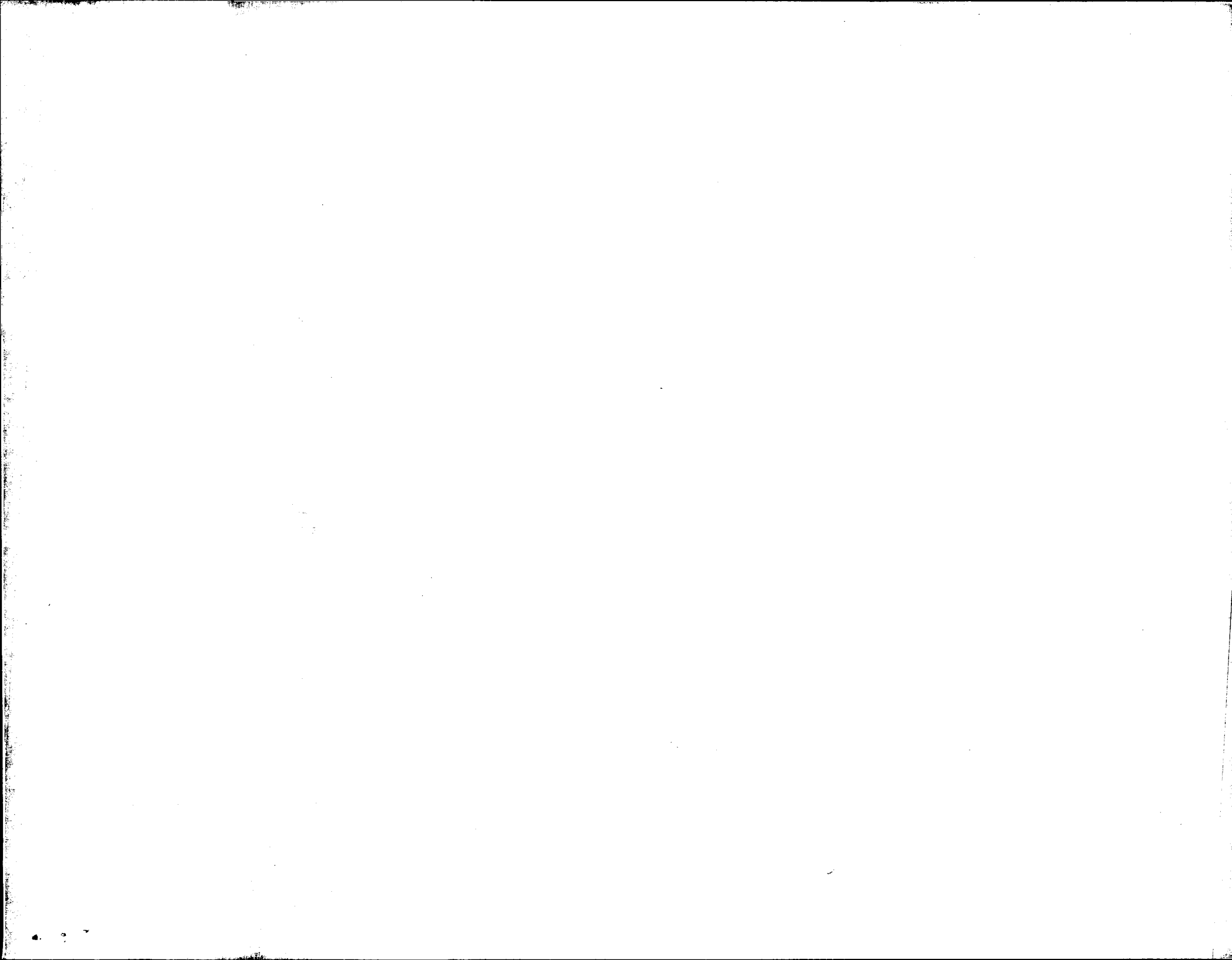
D3684-047 FWD LEG ASSEMBLY

RELEASED
2010-03-15

NOTES:

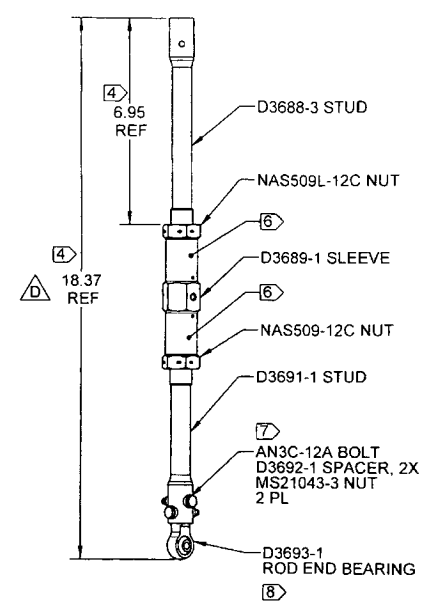
- 1) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 2) UNITS: INCHES UNLESS OTHERWISE NOTED
- 3) IDENTIFICATION: NONE
- 4) DIMENSION SHOWN IS WHEN D3688-1 & D3691-1 STUDS ARE FULLY THREADED INTO D3689-1 SLEEVE
- 5) WEIGHT: 3.09 lbs
- 6) USE TECTYL 502C CLASS I, MIL-PRF-16173E GRADE 2 OR EQUIVALENT ANTI-SEIZE COMPOUND ON THREAD
- 7) TORQUE FASTENERS TO 20-25 in-lbs
- 8) ASSEMBLE D3693-1 WITH D3691-1 USING SIKAFLEX-241/291 OR PROSEAL 890 OR MIL-S-8802 CLASS 'B2' SEALANT BETWEEN MATING SURFACES. ENSURE HOLES FOR AN3C BOLTS ARE CLEAR OF SEALANT

DESIGN	RF	DART AEROSPACE LTD	
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CHECKED		DRAWING NO.	REV. D
MFG. APPR.		D3684	SHEET 4 OF 5
APPROVED		TITLE	SCALE
DE APPR.		TRIPOD MOUNT ASSY	NTS
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93691

ITEM	QTY -049	PART NUMBER	DESCRIPTION
1	X	D3684-049	AFT LEG ASSEMBLY
2	1	D3688-3	STUD
3	1	D3689-1	SLEEVE
4	1	D3691-1	STUD
5	4	D3692-1	SPACER
6	1	D3693-1	ROD END BEARING
7	2	AN3C-12A	BOLT
8	2	MS21043-3	NUT
9	1	NAS509L-12C	NUT
10	1	NAS509-12C	NUT



D3684-049 AFT LEG ASSEMBLY

RELEASED
2010-03-15

- NOTES:**
- 1) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 2) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 3) IDENTIFICATION: NONE
 - 4) DIMENSION SHOWN IS WHEN D3688-3 & D3691-1 STUDS ARE FULLY THREADED INTO D3689-1 SLEEVE
 - 5) WEIGHT: 2.86 lbs
 - 6) USE TECTYL 502C CLASS I, MIL-PRF-16173E GRADE 2 OR EQUIVALENT ANTI-SEIZE COMPOUND ON THREAD
 - 7) TORQUE FASTENERS TO 20-25 in-lbs
 - 8) ASSEMBLE D3693-1 WITH D3691-1 USING SIKAFLEX-241/-291 OR PROSEAL 890 OR MIL-S-8802 CLASS 'B2' SEALANT BETWEEN MATING SURFACES. ENSURE HOLES FOR AN3C BOLTS ARE CLEAR OF SEALANT

DESIGN	RF	DART AEROSPACE LTD	
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CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. D
MFG. APPR.	<i>[Signature]</i>	D3684	SHEET 5 OF 5
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	TRIPOD MOUNT ASSY	NTS
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